

Description:

This two day workshop provides an introduction to the principles involved in biological nutrient removal. The focus of the program will be the suspended growth (activated sludge) BNR processes.

The program will discuss the basic concepts associated with biological nutrient removal (nitrification, denitrification and biological phosphorus removal). It will identify performance factors, provide typical operating ranges for many of these factors and review various design and operational configurations currently being used for BNR.

The training program will utilize the Henrico County treatment system to illustrate many of the concepts being discussed during the program.

Who should attend:

If you operate or manage a treatment system which includes biological nutrient removal or will be required to implement biological nutrient removal, this program will be helpful.

Time & Place

This program will be conducted at the Opequon Water Reclamation Facility in Winchester on March 11 - 12, 2008. Classes will be conducted each day from 8:30 AM to 4:30 PM

Participants are responsible for their own transportation to the field exercise sites.

Introduction to Biological Nutrient Removal Workshop

March 11 -12, 2008
at the
Opequon
Water Reclamation Facility
Winchester, Virginia



Conducted By:
Department of Environmental Quality
Office of Operator Training
PO Box 1105
Richmond Virginia 23218
Phone: 804 698 - 4143
Fax: 804 698 - 4032
www.operator@deq.virginia.gov

Registration

Registration for the program is limited to the first 16 completed registrations (forms and payment) received by the Department's Office of Finance.

Registration Fee

There is \$100 registration fee for this program. Fees should be submitted in the form of check or money order. **No purchase orders or credit cards are accepted.** State Agencies should contact the Department's Finance Office (804 698-4162) for IAT procedures.

Directions & Local Information

Each person registering to attend the program will receive an informational packet including driving directions and a listing of area lodging facilities.

Breaks and Lunches

The registration fee does not include break refreshments or lunch.

Instructors

The program will be instructed by members of the Department of Environmental Quality, Office of Operator Training.

Course Approval

The course is recognized by the Virginia Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals for 1.2 training credits. Successful completion may be used to substitute for up to 1.2 months of required wastewater plant operational experience as permitted by Board regulations.

Withdrawal Policy

Registrants who must withdraw should notify the Department as soon as possible. Substitutions are permitted anytime before the start of class.

Refund Policy

Registrants who withdraw from the program or fail to attend the program will not receive a refund unless the Department has received notification of the withdrawal at least 5 business days prior to the start of class. Substitutions are permitted anytime **before** the start of class.

Cancellation

We reserve the right to cancel any program when there is insufficient registration. People who register will be notified of the cancellation and will receive a full refund.

Inclement Weather

The inclement weather policy and instructions for class sessions in the event of inclement weather will be provided prior to the start of class.

Additional Information

For additional information contact the Department's Office of Operator Training in Richmond

Wayne Staples 804 698 4106
Jason Spicer 804 698 4143
email wwoperator@deq.virginia.gov

Introduction to Biological Nutrient Removal Opequon Water Reclamation Facility March 11 - 12, 2008 Registration Form

Name: _____

Title: _____

Organization: _____

Street/PO Box: _____

City: _____ State: _____ Zip: _____

Telephone: (____) _____ Fax: (____) _____

Send registration and \$100.00 fee to:

Office of Finance
Department of Environment Quality
PO Box 1104
Richmond VA 23218